Title (en)
CONDUCTING UNIT, AND CONDUCTING METHODS

Title (de)
FÖRDEREINHEIT UND FÖRDERVERFAHREN

Title (fr)
UNITÉ DE TRANSPORT ET PROCÉDÉ DE TRANSPORT

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Abstract (en)
[origin: WO2007134565A2] The invention relates to a conducting unit for gas, comprising a compressor (101) in a soundproof housing (20, 40) that is provided with an intake port (27, 66) and a blow-off port (24, 69, 70). An intake tube (96) can connect the intake port to the inlet of the compressor while a discharge tube (96) can connect the blow-off port to the outlet of the compressor. A sound absorber (60, 80) encompassing an inlet chamber (73, 97) and an outlet chamber (74, 98) can be accommodated in the soundproof housing. The internal walls of the soundproof housing can be lined with neoprene while metal sheets (131, 133) can be mounted between the soundproof housing and the compressor. An internal cooling member (42) and an internal fan (48, 49) can cool the compressor. A cooling member (41) can form one side (40) of the soundproof housing. An external fan (7) can cool the cooling member. Blind tubes can be used at the inlet and the outlet for absorbing tonal noise. The invention further relates to corresponding conducting methods.

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